

# 416PA102M ✓ ACTIVE

Citec | Citec 416

TE Internal #: 1623894-2

Citec 416, Trimmer Potentiometers, Through Hole - Solder Termination Method to Printed Circuit Board, Radial-Leaded, 8.1 x 6.8 x 3.5 mm

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Passive Components > Resistors > Trimmer Potentiometers



Termination Method to Printed Circuit Board: **Through Hole - Solder**

Passive Component Lead Type: **Radial-Leaded**

Passive Component Dimensions: **8.1 x 6.8 x 3.5 mm**

Passive Component Tolerance: **.25 %**

Sealing Requirement: **Semi-Sealed**

## Features

### Product Type Features

Sealing Requirement	Semi-Sealed
Rotary Turn Type	Single Turn
Element Type	Cermet

### Configuration Features

Number of Turns	1
Adjustment Location	Top
Adjustment Method	Cross Slot

### Electrical Characteristics

Passive Component Tolerance	.25 %
Resistance Value	1K $\Omega$
Power Rating	.2 W
Resistance Class	1k $\Omega$ – 1M $\Omega$

### Body Features

Passive Component Lead Type	Radial-Leaded
Product Orientation	Horizontal

### Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
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### Dimensions

Passive Component Dimensions

8.1 x 6.8 x 3.5 mm

### Usage Conditions

Temperature Coefficient

±250 ppm/°C

### Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.te.com)>

EU RoHS Directive 2011/65/EU

Compliant

EU ELV Directive 2000/53/EC

Compliant with Exemptions

China RoHS 2 Directive MIIT Order No 32, 2016

No Restricted Materials Above Threshold

EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JAN 2021 (211)  
 Candidate List Declared Against: JUN 2020 (209)  
 SVHC > Threshold:  
 Not Yet Reviewed

Halogen Content

Not Yet Reviewed for halogen content

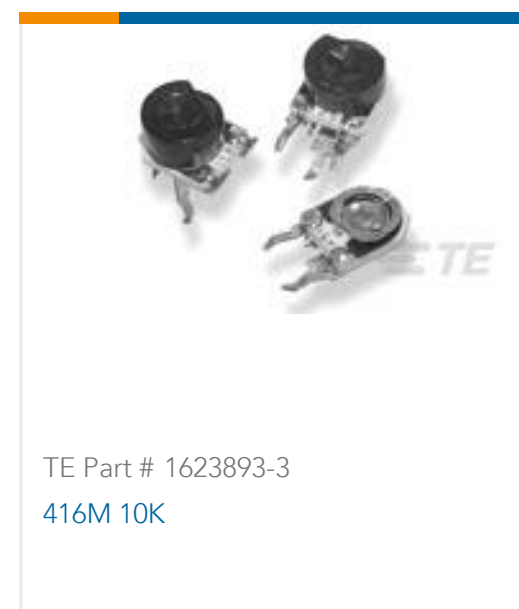
Solder Process Capability

Wave solder capable to 240°C

#### Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

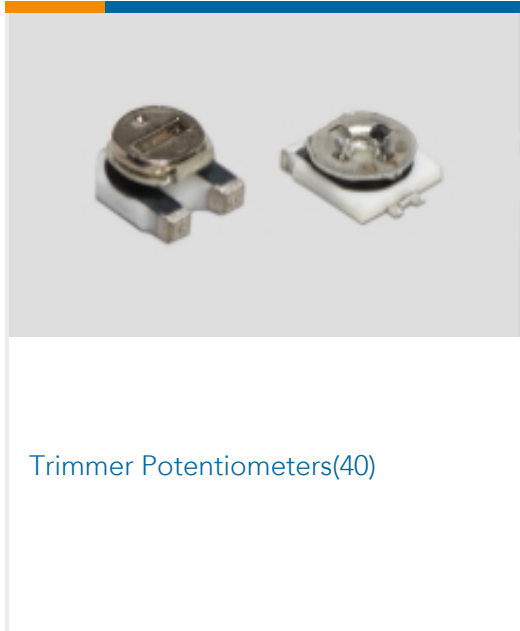
### Compatible Parts





TE Part # 1623894-4  
416P 10K

### Also in the Series | Citec 416



Trimmer Potentiometers(40)

### Customers Also Bought



TE Part #1-1625971-8  
Power Resistors: Aluminum Housed,  
HSA



TE Part #1-2176079-0  
EP 3W 330R 5%



TE Part #1-1625886-3  
1W SM M/OX 5% 3K9



TE Part #1622272-1  
LR0204 1% 6K2



TE Part #9-1440002-6  
STD OEG PCB PCFN Solar Power  
Relays



TE Part #1461373-5  
STD OEG Miniature PCB OJT Power  
Relays



TE Part #1623894-4  
416P 10K



TE Part #1571295-1  
SWITCH,TACT,THRU-HOLE,SEALED



TE Part #1614998-1  
LR0204 1% 13R



TE Part #1393845-6  
RP821048



## Documents

### Product Drawings

[416P 1K](#)

English

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### Datasheets & Catalog Pages

[1309350\\_PASSIVE\\_COMPONENT](#)

English

[Type 416 Series Economy Trimmers](#)

English